

## Rymer, Edwina

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**From:** Gillespie, David  
**Sent:** Tuesday, February 03, 2015 1:27 PM  
**To:** Matt Hornbach  
**Cc:** Overbay, Michael; Dellinger, Philip; Schoellkopf, Lynde  
**Subject:** RE: FW: TRRC and injection

Great. Just go to the 7<sup>th</sup> floor of our building (reception desk) and have them call me at 214-665-7467. Let me know if you have any questions.

David Gillespie  
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1445 Ross Avenue, Suite 1200  
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Voice: (214) 665-7467  
Facsimile: (214) 665-2182  
[gillespie.david@epa.gov](mailto:gillespie.david@epa.gov)

**From:** Matt Hornbach [mailto:[matt.hornbach@gmail.com](mailto:matt.hornbach@gmail.com)]  
**Sent:** Tuesday, February 03, 2015 12:05 PM  
**To:** Gillespie, David  
**Subject:** Re: FW: TRRC and injection

Sure. How about 9 am?  
m

On Tue, Feb 3, 2015 at 10:19 AM, Gillespie, David <[Gillespie.David@epa.gov](mailto:Gillespie.David@epa.gov)> wrote:

Friday would work best for us, just about any time. Could you come to EPA's offices? We are at the Fountain Place building at the corner of Ross and Field Street downtown (right across Field Street from the Dallas Aquarium).

David Gillespie  
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**From:** Matt Hornbach [mailto:[matt.hornbach@gmail.com](mailto:matt.hornbach@gmail.com)]  
**Sent:** Monday, February 02, 2015 5:20 PM  
**To:** Gillespie, David

**Cc:** Overbay, Michael; Schoellkopf, Lynde

**Subject:** Re: FW: TRRC and injection

Hi David,

sure. Would be great to compare notes. For this week, thursday afternoon (including lunch) or almost any time friday would be good, I'm booked up the rest of the time.

m

On Mon, Feb 2, 2015 at 4:36 PM, Gillespie, David <[Gillespie.David@epa.gov](mailto:Gillespie.David@epa.gov)> wrote:

Matt,

I spoke today with one of EPA's geologists and he said it would be great to meet with you. Might you have any time in the near future to meet with him and me to discuss your work?

David

David Gillespie  
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**From:** Gillespie, David  
**Sent:** Friday, November 07, 2014 7:49 AM  
**To:** 'Matt Hornbach'  
**Cc:** Lynde Schoellkopf  
**Subject:** RE: TRRC and injection

Hey Matt,

Sorry for the late response but I have been preoccupied recently and I am just now thoroughly taking a look at my inbox.

It is good to see that people such as yourself and your colleagues at SMU have been keeping an eye on these issues. I would be glad to take a look at your research reports and pass them around if you do not mind. The more research, data, etc. we get the better.

If you have any questions for us, please don't hesitate to give me a call.

David

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**From:** Matt Hornbach [<mailto:matt.hornbach@gmail.com>]  
**Sent:** Wednesday, October 29, 2014 9:19 AM  
**To:** Schoellkopf, Lynde  
**Cc:** Gillespie, David  
**Subject:** Re: TRRC and injection

Thanks Lynde for the introduction.

Hi David,

Although my basic reading is that the earthquake issue is perhaps outside the scope of the EPA, I wanted to provide some insight from our end (I have been working with a team of researchers at SMU on the Azle earthquake sequence--we have a paper currently in revision that will likely be published early next year outlining our results).

One of our concerns regarding the TRRC's regulation changes is that it basically takes a reactive approach toward the potential of induced seismicity and fails to address what role industry may (or may not) play in causing earthquakes. The problem we see longer term is that this issue is not going away. Indeed, there is a significant chance this issue may only become worse given some projections from recent studies.

Most surprisingly, industry researchers have recognized the potential risk for induced seismicity for more than

40 years, and perhaps ironically, it was industry researchers who originally produced well-argued papers explicitly stating that subsurface pressures at injection wells need to be closely monitored to avoid elevating fluid pressures. If need be, I'd be glad to provide you with these research reports. It is interesting that several companies as well as NGOs and independent researchers also suggested the TRRC provide more thorough research and analysis to address potential earthquake causes, including pore pressure monitoring. All of these requests were ignored by the TRRC.

My guess is that little will be done until a rather severe earthquake occurs in large metropolitan area. That said, I would be glad to discuss these issues further with you or your team.

Matt

On Wed, Oct 29, 2014 at 8:45 AM, Schoellkopf, Lynde <[Schoellkopf.Lynde@epa.gov](mailto:Schoellkopf.Lynde@epa.gov)> wrote:

Matt,

David Gillespie is the lawyer on this – a friend and colleague. Give him a call if you want any insight! [214-665-7467](tel:214-665-7467)

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**From:** Lynde Jones [mailto:[lyndej@hotmail.com](mailto:lyndej@hotmail.com)]

**Sent:** Tuesday, October 28, 2014 7:27 PM

**To:** Schoellkopf, Lynde

**Subject:** Fwd: TRRC and injection

Sent from my iPhone

Begin forwarded message:

**From:** Matt Hornbach <[matt.hornbach@gmail.com](mailto:matt.hornbach@gmail.com)>

**Date:** October 28, 2014 at 4:31:19 PM CDT

**To:** [lyndej@hotmail.com](mailto:lyndej@hotmail.com)

**Subject:** TRRC and injection

The comments by the EPA folks were spot on, but unfortunately, like our comments, were mostly ignored by the TRRC.

m